

# TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Portage Hwy 12

Site Abbreviation PTG

Deployment No. 29

Field Deployment and Recovery

Field Deployment Technician Name Scott Keller Setup Date/Time 9/20/21 14:00  
CST

Sample Run Date 9/21/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name Scott Keller Recovery Date/Time 9/22/21 12:15  
CST

Q <sub>std</sub> Avg. Flow (liters/min)	<u>216</u>	Actual Start Date/Time	<u>9/21/21 0:40</u>
CV	<u>0.22</u>	Actual Stop Date/Time	<u>9/22/21 0:30</u>
Q <sub>std</sub> Volume (m <sup>3</sup> )	<u>318.06</u>	T <sub>amb</sub> Avg (°C)	<u>19.3</u>
Elapsed Time (HH:MM)	<u>24:30</u>	P <sub>amb</sub> Avg (mmHg)	<u>744</u>
Flags? Expected flags: Completed, Q <sub>std</sub> .			

Sample Status: VALID VOID (circle one) VOID Reason: \_\_\_\_\_

Site Observations

Run Day Temperatures: High 70 Low 56 Source: Weather Channel

Run Day Precipitation: 0.5 in Rain

Run Day Wind/Wind Direction: NNW 14 mph

Run Day Sky Cover: mostly Cloudy

Unusual Events? (fires, major storms, construction, etc.): \_\_\_\_\_

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5<sup>th</sup> sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within  $\pm 2^{\circ}\text{C}$  of transfer standard?
- ☐ Pressure sensor within  $\pm 10$  mmHg of transfer standard?
- ☐ One-point flow verification within  $\pm 10\%$  of Q<sub>std</sub> PUFPLUS ( $0.225 \frac{\text{m}^3}{\text{min}}$ )?

Maintenance Notes: \_\_\_\_\_